

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	935732	@pd> = "20090401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L2	2675	(359/676,686,687).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L3	2140	(396/72-88).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L4	6739	(348/240.99-240.3,335-369).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L5	8646	L3 or L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L6	9317	(variabl\$2 near2 (magnif\$8 or focal)) same lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L7	47970	(zoom near5 lens) or telephoto	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21

L8	52437	L6 or L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L9	3534	L8 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L10	6130	L9 or L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L11	278	1 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L12	249691	four\$3 near3 (group or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L13	2167	L10 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L14	279	L13 and (compound or hybrid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L15	20	1 and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L16	422	L13 and ((resin or polymer or plastic) and glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21

L17	38	1 and L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L18	576	L14 or L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L19	392	L18 and meniscus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L20	161	L19 and biconcave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L21	315	L19 and (cement\$3 or glue \$2 or doublet or triplet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L22	338	L20 or L21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 15:21
L23	36	1 and L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:21
L24	278	11 or 15 or 17 or 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/31 15:22
S1	2590	(359/676,686,687).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 14:22

S2	2094	(396/72-88).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 14:22
S3	6363	(348/240.99-240.3,335-369). CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 14:23
S4	8239	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 14:23
S5	9104	(variabl\$2 near2 (magnif\$8 or focal)) same lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:24
S6	46612	(zoom near5 lens) or telephoto	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:25
S7	50966	S5 or S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:25
S8	3370	S7 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:25
S9	5885	S8 or S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:25
S10	242102	four\$3 near3 (group or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:26

S11	2075	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:26
S12	263	S11 and (compound or hybrid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:26
S13	390	S11 and ((resin or polymer or plastic) and glass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:27
S14	263	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:27
S15	15284	S12 adn S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:27
S16	117	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:27
S17	536	S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:27
S18	360	S17 and meniscus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:29
S19	144	S18 and biconcave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:29

S20	285	S18 and (cement\$3 or glue \$2 or doublet or triplet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:29
S21	308	S19 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 14:29
S22	26	(US-7286304-\$ or US-7286299-\$ or US-6937402-\$ or US-6741399-\$ or US-6714355-\$ or US-6710933-\$ or US-6710932-\$ or US-6535339-\$ or US-6519094-\$ or US-6433938-\$ or US-6414799-\$ or US-6342973-\$ or US-6331917-\$ or US-6185048-\$ or US-6101043-\$ or US-5671062-\$ or US-5587739-\$ or US-5557470-\$ or US-5546231-\$ or US-5285316-\$ or US-5179472-\$ or US-5048939-\$ or US-4934795-\$ or US-4740063-\$ or US-4653872-\$ or US-4105291-\$).did.	USPAT	OR	OFF	2009/04/22 17:21
S23	10	S22 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/22 17:21
S24	7	((("6433938") or ("20030151829") or ("6400515")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 17:39
S25	1	S24 and (hybrid or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/22 17:39

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L25	525	(359/676,686,687).OCLS.	US-PGPUB; UPAD	OR	OFF	2009/08/31 16:13
L26	301	(396/72-88).OCLS.	US-PGPUB; UPAD	OR	OFF	2009/08/31 16:13
L27	256	(348/240.99-240.3,335-369). OCLS.	UPAD	OR	OFF	2009/08/31 16:13
L28	557	26 or 27	US-PGPUB; UPAD	OR	OFF	2009/08/31 16:14
L29	1866	((variabl\$2 near2 (magnif\$8 or focal)) same lens	US-PGPUB; UPAD	OR	ON	2009/08/31 16:14
L30	11214	((zoom near5 lens) or telephoto	US-PGPUB; UPAD	OR	ON	2009/08/31 16:14
L31	360	((variabl\$2 near2 (magnif\$8 or focal)) same lens).dlm.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:16
L32	2560	((zoom near5 lens) or telephoto).dlm.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:16
L33	2760	31 or 32	US-PGPUB; UPAD	OR	ON	2009/08/31 16:16
L34	159	28 and 33	US-PGPUB; UPAD	OR	ON	2009/08/31 16:16
L35	557	28 or 34	US-PGPUB; UPAD	OR	ON	2009/08/31 16:17
L36	18	35 and (glue\$2 or cement\$3 or doublet or triplet or affix\$3). dlm.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:18
L37	13	35 and meniscus.dlm.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:18
L38	23	36 or 37	US-PGPUB; UPAD	OR	ON	2009/08/31 16:18
L39	20	35 and (four\$3 near2 (group or unit)).dlm.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:20
L40	23	(ohtake and motoyuki).in.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:22
L41	14	(arita and shinichi).in.	US-PGPUB; UPAD	OR	ON	2009/08/31 16:22
L42	36	40 or 41	US-PGPUB; UPAD	OR	ON	2009/08/31 16:23

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